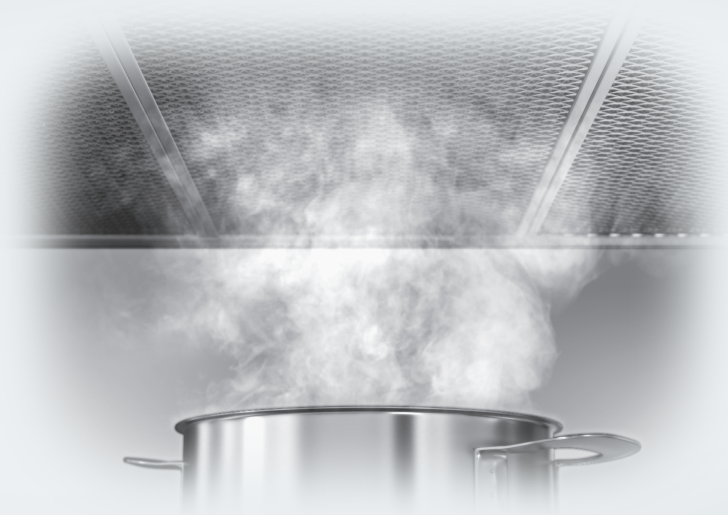


Operating and Installation instructions

Rangehood



To avoid the risk of accidents or damage to the appliance, it is **essential** to read these instructions before it is installed and used for the first time.

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Disposal of the packing material

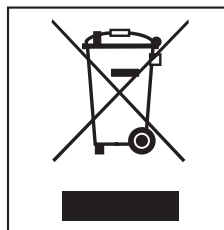
The transport and protective packing has been selected from materials which are environmentally friendly for disposal and can normally be recycled.

Ensure that any plastic wrappings, bags, etc. are disposed of safely and kept out of the reach of babies and young children. Danger of suffocation.

Rather than just throwing these materials away, please ensure they are offered for recycling.

Disposal of your old appliance or machine

Electrical and electronic appliances / machines often contain materials which, if handled or disposed of incorrectly, could be potentially hazardous to human health and to the environment. They are, however, essential for the correct functioning of your appliance or machine. Therefore, please do not dispose of your old machine or appliance with your household waste.



Please dispose of it at your local community waste collection / recycling centre and ensure that it presents no danger to children while being stored for disposal.

It should be unplugged or disconnected from the mains electricity supply by a competent person.

The plug must be rendered useless and the cable cut off directly behind the appliance or the machine to prevent misuse.

Warning and Safety instructions

This appliance complies with all relevant local and national safety requirements. Inappropriate use can, however, lead to personal injury and damage to property.

To avoid the risk of accidents and damage to the appliance, please read these instructions carefully before using it for the first time. They contain important information on the safety, installation, use and maintenance of the appliance.

Keep these instructions in a safe place and ensure that all users are familiar with the contents. Pass them on to any future owner of the appliance.

Correct application

► This rangehood is designed for domestic use and for use in similar environments by guests in hotel or motel rooms, bed & breakfasts and other typical living quarters. This does not include common/shared facilities or commercial facilities within hotels, motels or bed & breakfasts.

► It must only be used to extract vapours and remove odours from cooking.

► Any other usage is not supported by the manufacturer and could be dangerous. Miele cannot be held liable for damage resulting from incorrect or improper use or operation of the appliance.

► This appliance is not suitable for outdoor use.

► This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience or knowledge, unless they are supervised whilst using it or have been shown how to use it by a person responsible for their safety.

Safety with children

► This appliance is only intended for use by adults who have read these instructions.

► This appliance is not a toy! To avoid the risk of injury, keep children well away and do not allow them to play with it or to use the controls. They will not understand the potential dangers posed by it. They should be supervised whenever you are working in the kitchen.

► Older children may use the rangehood only when its operation has been clearly explained to them and they are able to use it safely, recognising the dangers of misuse.

► Please be aware that on rangehoods with halogen lighting, the lamps will get very hot during use and remain hot for some time after switching off. To safeguard against burning, keep children well away from the lamps at all times.

Technical safety

► Before installation, check the rangehood for visible signs of damage. Under no circumstances should you use a damaged appliance. A damaged appliance is dangerous.

► Before connecting the appliance to the mains supply, make sure that the voltage and frequency details given on the data plate correspond with the on-site electricity supply, otherwise the appliance could be damaged. Consult a qualified electrician if in any doubt.

► The electrical safety of this appliance can only be guaranteed when continuity is complete between the appliance and an effective earthing system which complies with current local and national safety regulations. It is most important that this basic safety requirement is present and tested regularly and, where there is any doubt, the household wiring system should be inspected by a qualified electrician. The manufacturer cannot be held liable for the consequences of an inadequate earthing system (e.g. electric shock).

► For safety reasons, this appliance may only be used when it has been fully installed.

► Only open the housing as described in the instructions given in the installation sheet and in the Cleaning and care section of this booklet. Under no circumstances should any other parts of the housing be opened. Tampering with electrical connections or components and mechanical parts is highly dangerous to the user, and can cause operational faults.

► Installation, maintenance and repairs may only be carried out by a Miele authorised person in accordance with current national and local safety regulations.

Repairs and other work by unqualified persons could be dangerous. The manufacturer cannot be held liable for unauthorised work.

► A damaged connection cable must only be replaced by an approved and suitably qualified technician.

► Faulty components must only be replaced by genuine Miele original parts. The manufacturer can only guarantee the safety of the appliance when Miele replacement parts are used.

► During installation, maintenance and repair work, the appliance must be disconnected from the mains electricity supply. It is only completely isolated from the electricity supply when:

- it is switched off at the isolator, or
- the screw-out fuse is removed (in countries where this is applicable), or
- the mains fuse is disconnected, or
- it is switched off at the wall socket and the plug withdrawn.

Warning and Safety instructions

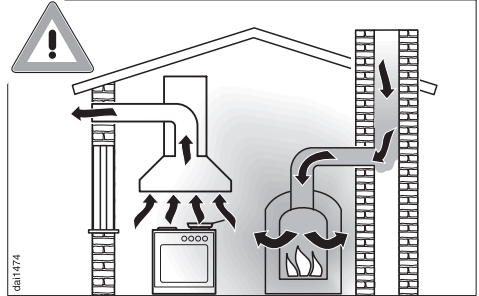
► Do not connect the appliance to the mains electricity supply by a multi-socket unit or an extension lead. These do not guarantee the required safety of the appliance (e.g. danger of overheating).

► This rangehood must not be installed and operated in mobile installations (e.g. on a ship).

► In areas which may be subject to infestation by cockroaches or other vermin, pay particular attention to keeping the appliance and its surroundings in a clean condition at all times. Any damage which may be caused by cockroaches or other vermin will not be covered by the warranty.

Using at the same time as other heating appliances that depend on the air from the room

Warning - danger of toxic fumes



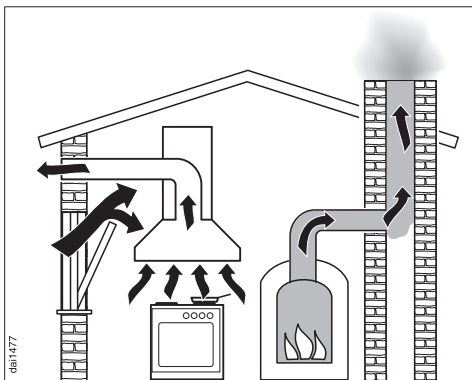
► Great care should be taken when using the rangehood at the same time and in the same room or area of the house as another heating appliance which depends on the air in the room. Such appliances include gas, oil, wood or coal-fired boilers and heaters, continuous flow or other water heaters, gas cooktops or ovens which draw air in from the room and duct exhaust gases out through a chimney or extraction ducting. When used in extraction mode, the appliance draws air in from the room in which it is installed **and** from neighbouring rooms. If there is insufficient air, an underpressure will occur. The heating appliance may be starved of oxygen, impairing combustion.

Harmful gases could be drawn out of the chimney or extraction ducting back into the room, with potentially fatal consequences.


Warning and Safety instructions

There must be adequate ventilation of the room when the rangehood is used at the same time as appliances burning gas or other fuels.

In order to ensure safe operation, and to prevent gases given off by the heating appliances from being drawn back into the room when the rangehood and the heater are in operation simultaneously, an underpressure of 0.04 mbar (4 pa) is the maximum permissible in the room.



Ventilation can be maintained by air inlets which must not be blocked, in windows, doors and outside wall vents, or by other technical measures, such as ensuring that the rangehood can only be switched on when the heating appliance is switched off or vice versa. A ventilation brick alone is not generally sufficient to ensure safe ventilation.

 The overall ventilation condition of the dwelling must be taken into account. If in any doubt, the advice of a competent builder or, for gas, a qualified gas fitter must be sought

If the rangehood is being operated in recirculation mode, the above restrictions do not apply.

Correct use

► Never use an open flame beneath the rangehood. To avoid the danger of fire, do not flambé or grill over an open flame.

When switched on, the rangehood could draw flames into the filter. Fat particles drawn into the rangehood present a fire hazard.

► When using the rangehood over a gas cooktop, ensure that any burners in use are always covered by a pan. Switch the cooking zone off when a pan is removed, even for a short time. Regulate the flame so that it does not burn up the sides of the pan. Do not allow the pans to overheat excessively (e.g. when using a wok). The rangehood can become damaged when exposed to excessive heat.

► Always switch the rangehood on when a cooking zone is in use, otherwise condensation may collect in the hood, which could cause corrosion.

► When cooking with oil or fat, chip pans and deep fat fryers etc., do not leave the pans unattended. Never leave an open grill unattended when grilling. Overheated oil and fat can ignite and could set the rangehood on fire.

If in any doubt, the advice of a qualified builder, gas fitter or electrician must be sought.

Warning and Safety instructions

► Do not use the rangehood without the filters in place. This way you will avoid the risk of grease and dirt getting into the appliance and hindering its smooth operation.

► The filters should be regularly cleaned or changed as appropriate. Saturated filters are a fire hazard. See "Cleaning and care".

► **Accessible parts may become hot when used with cooking appliances.**

Do not touch the housing or the grease filters until the rangehood has cooled down.

► Do not use a steam-cleaner to clean this appliance. Steam could reach the electrical components and cause a short circuit.

Correct installation

► Refer to the cooktop manufacturer's instructions as to whether a rangehood may be operated above the cooktop.

► The minimum safety distances between the top of the cooktop and the bottom of the rangehood given in the "Appliance dimensions" section of this booklet must be maintained, unless the cooktop manufacturer states that a greater safety distance is required.

If more than one cooking appliance is fitted beneath the rangehood, and they have different minimum safety distances to the rangehood, select the greater distance.

► Safety regulations prohibit the fitting of a rangehood over solid fuel stoves.

► All ducting, pipework and fittings must be of non-flammable material. These can be obtained from Miele or from builders' merchants.

► The appliance must not be connected to a chimney or vent flue which is in use. Neither should it be connected to ducting which ventilates rooms with fireplaces.

► If exhaust air is to be extracted into a chimney or ventilation duct no longer used for other purposes, seek professional advice.

► **Ensure exhaust ventilation complies with all relevant regulations.**

Accessories

► Only use genuine Miele spare parts and accessories with this appliance. If spare parts or accessories from other manufacturers are used, this will invalidate the warranty, and Miele cannot accept liability.

The manufacturer cannot be held liable for damage caused by non-compliance with these Warning and Safety instructions.

The rangehood works with

... air extraction:

The air is drawn in and cleaned by the grease filters and directed outside.

If the on-site ventilation system does not have a non-return flap, the **non-return flap** supplied with the appliance must be used.

Having a non-return flap fitted in the ducting ensures that air, once ducted to the outside, cannot get back into the room again.

The flap is closed when the rangehood is switched off.

When the rangehood is switched on, the non-return flap opens for the cooking vapours to be blown directly outside.

... air recirculation:

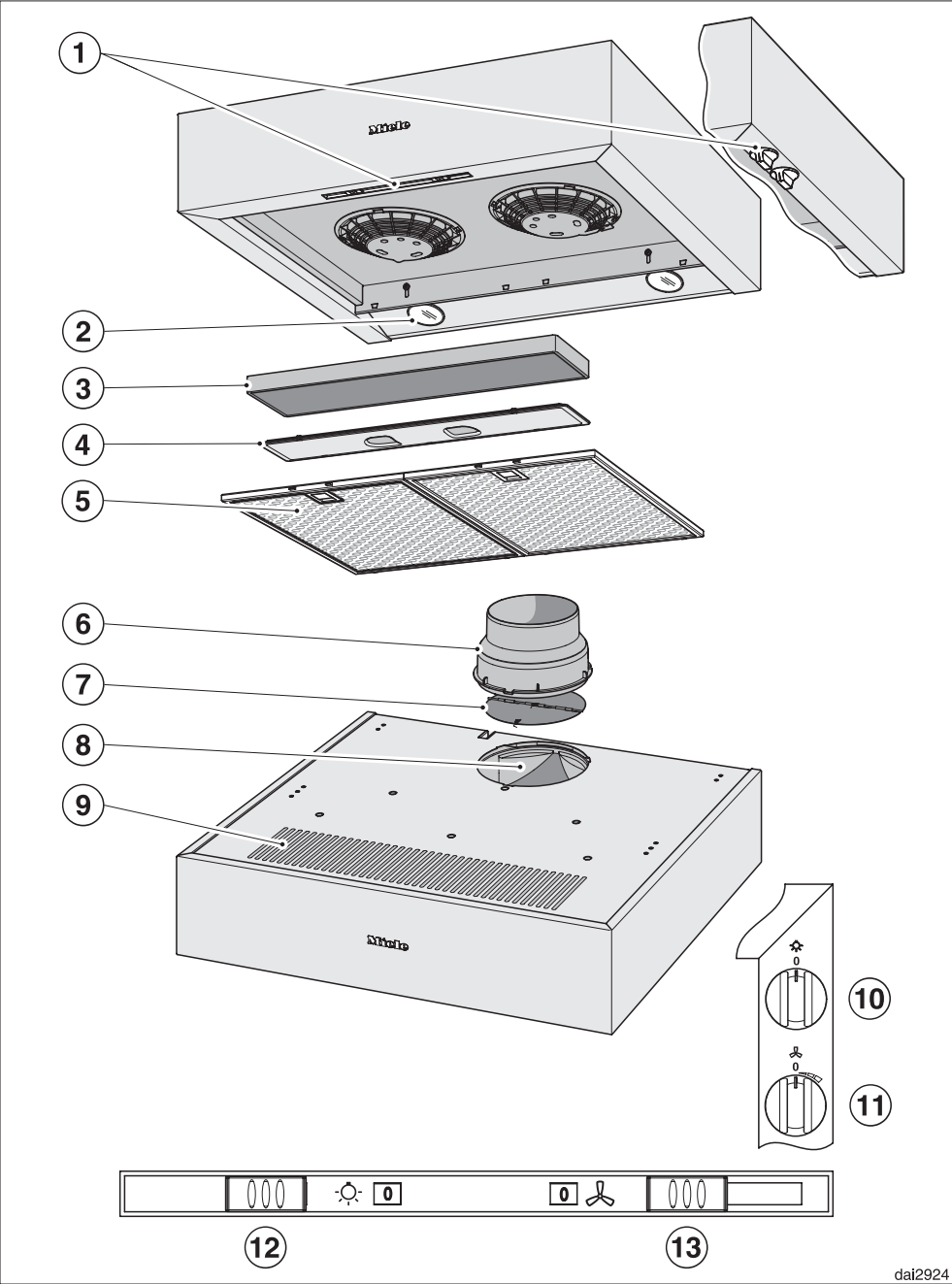
The air is drawn in and cleaned first by the grease filters and then by a **charcoal filter**.

The cleaned air is then recirculated back into the kitchen through grilles in the top of the rangehood.

Charcoal filters can be ordered as an accessory from Miele (see "Technical data").

Before using the rangehood in recirculation mode, ensure that the charcoal filter is in place. See "Cleaning and care".

Operation



① Controls

② Cooktop lighting

③ Charcoal filter

Special accessory for recirculation mode

④ Cover for the charcoal filter duct

⑤ Grease filters

⑥ Exhaust socket Ø 125 mm or 150 mm

⑦ Non-return flap

⑧ Air outlet for air extraction

⑨ Air outlet for air recirculation

⑩ Rotary control for the cooktop lighting (DA 1050-55, DA 1060)

⑪ Rotary control for the fan (DA 1050-55, DA 1060)

⑫ Slide control for the cooktop lighting (DA 1160, DA 1100)

⑬ Slide control for the fan (DA 1160, DA 1100)

Switching the lighting on/off

The cooktop lighting (⑩, ⑫) can be switched on and off independently of the fan.

"0" – Lighting off

"1" – Lighting on

Switching the fan on/off

■ The controls ⑪ and ⑬ are used to switch the fan on and off and to select the fan power setting.

■ "0" – Fan off


■ Settings "1" to "3" are usually sufficient for normal cooking.

■ DA 1160, DA 1100: When frying or cooking food with a strong aroma, you may wish to select the intensive setting (IS) for a short period.


After cooking

It is advisable to run the fan for a few minutes after cooking has finished to neutralise any lingering odours in the air, whether you are using air extraction or recirculation mode.

Cleaning and care

 Before any cleaning or maintenance work is carried out, disconnect the rangehood from the mains supply. Ensure that

- it is switched off at the wall socket and the plug is removed, or
- the mains fuse is withdrawn, or
- the screw-out fuse is removed (in countries where this is applicable).

 The halogen lamps get very hot during use, and remain hot for some time after being switched off. The hot halogen lamps can be damaged if water is used to clean them.

To avoid burns to yourself or damage to the lamps, wait several minutes after switching off before beginning cleaning.

Do not use too much water when cleaning the controls. Moisture could penetrate into the electronics and cause damage.

Do not use:

- cleaning agents containing soda, acids, chlorides or solvents,
- abrasive cleaning agents, e.g. powder cleaners or cream cleaners and abrasive sponges, as well as pot scourers or sponges which have been used previously with abrasive cleaning agents. These will damage the surface material.

Important for appliances with stainless steel housing

(This information does not apply to the controls)

Stainless steel surfaces can be cleaned with a proprietary non-abrasive cleaning agent designed specifically for use on stainless steel.

To prevent immediate resoiling, the Original Miele care product for stainless steel can be purchased from Miele or at www.miele-shop.com (depending on country). Apply sparingly with a soft cloth following the instructions on the packaging.

Housing

General information

The surfaces and controls are susceptible to scratches and abrasions. Please observe the following cleaning instructions.

All external surfaces and controls can be cleaned using warm water with a small amount of washing-up liquid applied with a well wrung-out soft sponge or cloth.

After cleaning, wipe the surfaces dry using a soft cloth.

Important for appliances with lacquered housing

It is very difficult to clean this type of surface without causing minor marks to the surface material.

This can become particularly noticeable if there is halogen lighting in the kitchen.

Important information for cleaning the controls

The controls may suffer discolouration or damage if soiling is left on them for too long. Remove soiling straight away.


Observe the general information on cleaning earlier in this section.

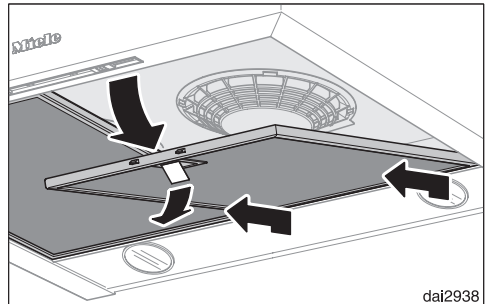
Do not use stainless steel cleaning agents on the controls.

Grease filters

The re-usable metal grease filters in the appliance remove solid particles (grease, dust, etc.) from the kitchen vapours, preventing soiling of the rangehood.

To avoid a build-up of fat, they should be cleaned every 3–4 weeks on average, but sooner if necessary.

 An oversaturated filter is a fire hazard.



- Open the latch for the grease filter and lower the filter to remove it.

To avoid damaging the filter or the cooktop below, make sure you hold the filter securely at all times when handling it.

Cleaning and care

Cleaning the grease filters by hand

- Clean the filter with a soft nylon brush in a mild solution of hot water and a little washing-up liquid.
Do not use undiluted washing-up liquid.

Do not use:

- cleaning agents containing descaling agents,
- powder cleaners, cream cleaners or abrasive all-purpose cleaning agents,
- oven sprays.

Cleaning the grease filters in the dishwasher

- Place the filters as upright as possible in the lower basket. Ensure the spray arm is not obstructed.
- Do not wash at more than 65 °C. If a Miele dishwasher is being used, select the Sensor wash programme.
- Use a mild dishwasher detergent.

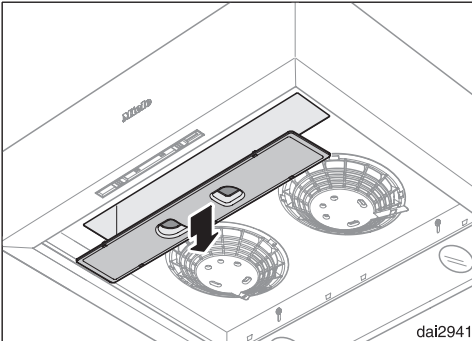
Depending on the cleaning agent used, cleaning the filters in a dishwasher can cause permanent discolouration to the surface. However, this will not affect the functioning of the filters in any way.

- After cleaning, leave the filters to dry on an absorbent surface before replacing them.
- When removing the filters for cleaning, also clean off any residues of oil or fat from the now accessible housing to prevent the risk of these catching fire.

Charcoal filter

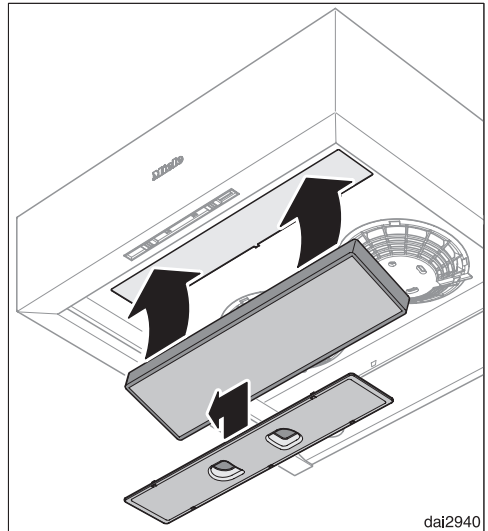
If the rangehood is connected for recirculation (see "Installation"), a Miele NoSmell active charcoal filter must be inserted in addition to the grease filter.

- Remove the grease filters.



- Push the cover for the charcoal filter duct slightly to the right and then lower it to remove.

- Unwrap the charcoal filter from its packaging.



- Place the charcoal filter in its duct and push it up against the air outlet grille.
- Refit the cover and the grease filters.


Replace the charcoal filter when it no longer absorbs kitchen odours effectively. It should, however, be replaced at least every six months.

- Used charcoal filters can be disposed of with the normal household waste.

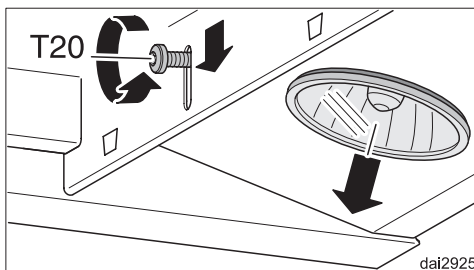
Cleaning and care

Changing a halogen lamp

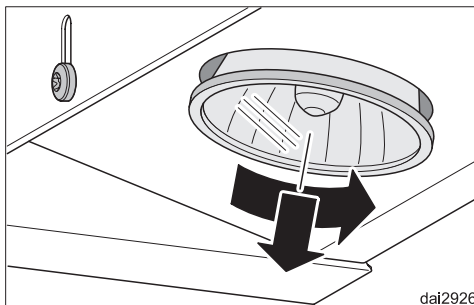
- Ensure the rangehood is disconnected from the electricity supply. To do this:
 - switch off at the wall socket and remove the plug, or
 - remove the mains fuse, or
 - remove the screw-out fuse (in countries where this is applicable).

 Exercise caution when changing halogen lamps. They get very hot during use and remain hot for some time after being switched off. Let them cool down before you change them.

- Remove the grease filters.



- Slightly loosen the lamp's fastening screw.
- Slide the screw and the lamp down.
- Tighten the screw again.



- Turn the halogen lamp anti-clockwise and pull it out.

Replace it with a lamp of the same type: GU/GZ 10, 230 V, 50W.

- Refit the lamp by reversing the steps shown above. Please observe the manufacturer's instructions.
- Refit the grease filters.

In the event of a fault which you cannot correct yourself, or if the appliance is under guarantee, please contact:

- your Miele Chartered Agent

or

- Miele

You will find the telephone number of Miele on the back cover of the manual.

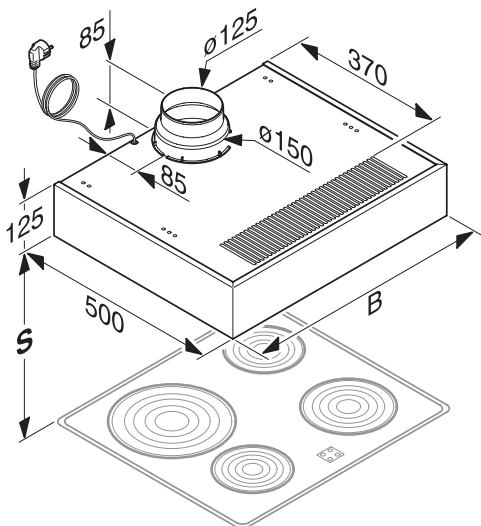
Please quote the model and serial number when contacting Miele. These are shown on the data plate which is visible when the grease filter is removed.

Warranty

The warranty for this appliance is 2 years.

For further information, please refer to your warranty booklet.

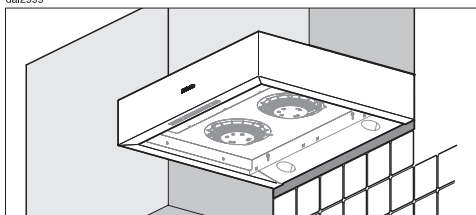
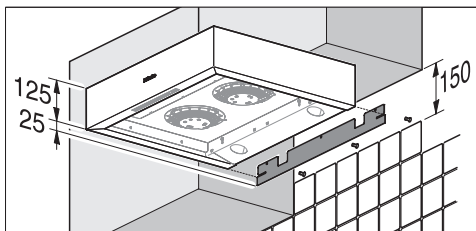
Appliance dimensions



DA 1050-55 B = 548 mm
 DA 1060, DA 1160 B = 598 mm
 DA 1100 B = 998 mm

Exhaust connection

Ø 150 mm or Ø 125 mm.



If the rangehood is replacing another rangehood which had a construction height of 150 mm, a spacer trim can be used to cover the building-in space left by the previous rangehood. The spacer trim can be ordered as an accessory in various widths:

- DAB 55 for DA 1050-55,
- DAB 60 for DA 1060, DA 1160,
- DAB 100 for DA 1100.

Safety distance between cooktop and rangehood

The **minimum** distances between the top of a cooktop and the bottom of the rangehood are as follows, unless a greater distance is specified by the manufacturer of your cooking appliance:

Cooking appliance	Distance S
Electric cooktop	600 mm
Open electric grill	650 mm
Deep fat fryer (electric)	650 mm
Multi-burner gas cooktop with maximum 45.4 MJ/h total output, with no burner having a greater output than 16.2 MJ/h.	650 mm
Multi-burner gas cooktop with total output greater than 45.4 MJ/h, or a gas cooktop including a single burner with an output greater than 16.2 MJ/h.	760 mm
Single gas cooktop with a maximum output of 21.6 MJ/h.	650 mm
Single gas cooktop with a maximum output greater than 21.6 MJ/h.	760 mm

See "Warning and Safety" instructions for further information.

When deciding on the safety distance between the cooktop and rangehood, please note that a distance of 650 mm above electric cooktops may be preferable to give more working space under the rangehood.

- Account should also be taken of the height of the person who will be using the rangehood most often. They should have sufficient space to work comfortably at the cooktop, and be able to reach the rangehood controls with ease.
- If positioned too high, extraction will be inefficient.
- For distances greater than 750 mm, the rangehood should be wider than the chosen cooktop.

Installation

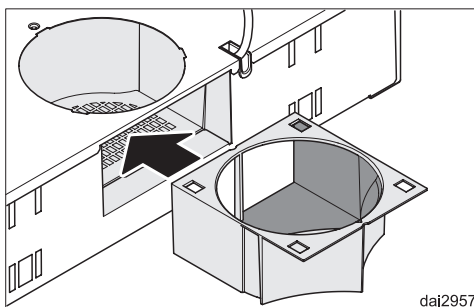
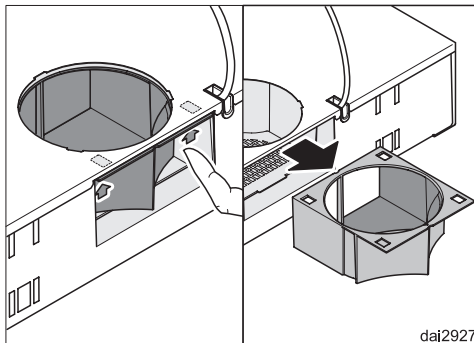
Before installation, it is important to read the information given on the "Warning and Safety instructions" at the beginning of this booklet.

This is particularly crucial when using the rangehood at the same time as a heating appliance that relies on oxygen from the same room, which could result in the build-up of toxic fumes.

■ Remove the grease filters.

The housing components of stainless steel rangehoods have protective foil around them to prevent them from transport damage.

■ Please remove this foil from the housing components and the frames of the grease filters before installing the rangehood. The foil can be peeled off easily.



Extraction

Deflector

A deflector is inserted in the back of the rangehood.

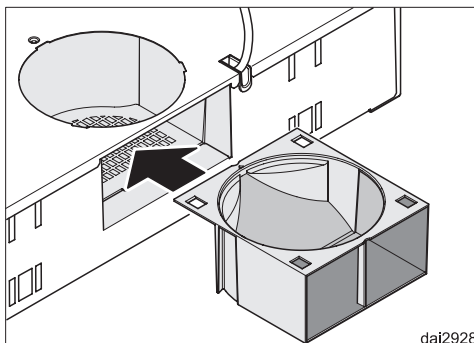
The position of the deflector is determined by the operating mode.

In air extraction mode, it guides the air outside through an opening at the back of the housing.

In air recirculation mode, it closes the opening and guides the air to the outlet at the front.

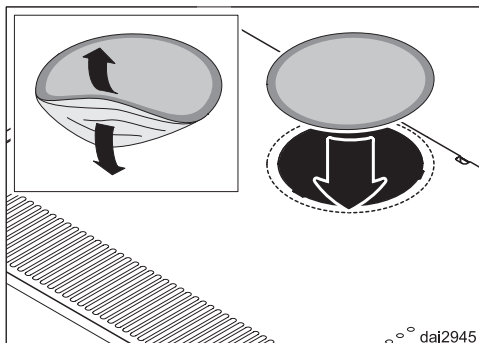
■ Check the position of the deflector.

■ If necessary, change the position of the deflector according to the operating mode you are using.



Recirculation

■ To do this, push on the two latching hooks, pull the deflector out, turn it, and push it back in until it clicks into place.



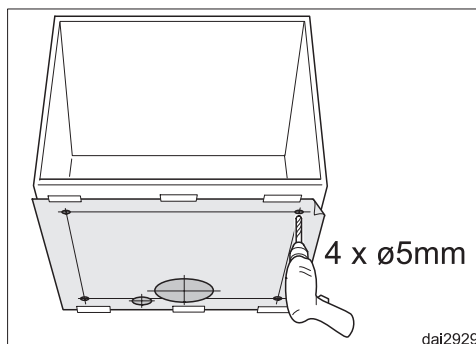
- For operation in recirculation mode, cover the opening at the back of the rangehood with the sticker supplied with the NoSmell active charcoal filter (optional accessory).

Installation under a wall unit

Several holes for fastening the rangehood under a wall unit are provided in the top of the housing.

⚠ Use the fixing points indicated on the drilling template supplied with the appliance, and use only the screws designated for fixing to the wall unit. Faulty installation can damage the rangehood and impair electrical safety (e.g. electric shocks).

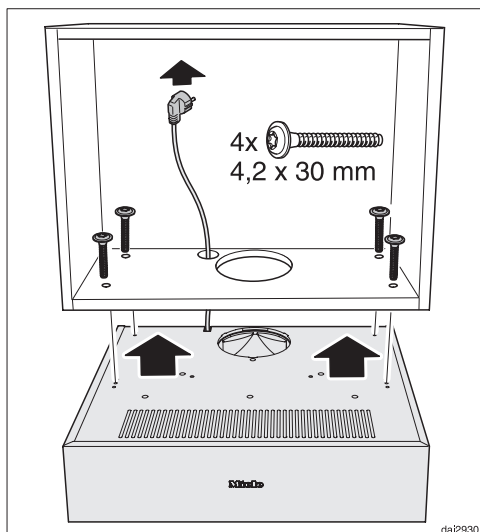
If using the recirculation mode with a very deep wall unit it must be ensured that the wall unit does not cover the recirculation air outlet.



- Adhere the cut-out drilling template to the bottom of the cabinet.
- Drill four fixing holes $\varnothing 5$ mm through the bottom of the wall unit.

Installation

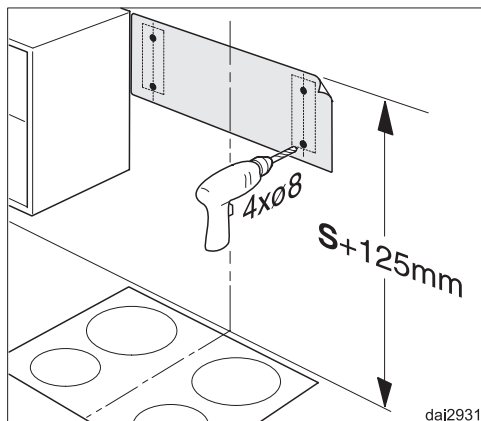
- For extraction mode, you must also cut out a 170 mm diameter hole in the bottom of the wall unit.
- If the mains connection cable is to be fed through the wall unit, a hole will also need to be cut out in the bottom of the wall unit.



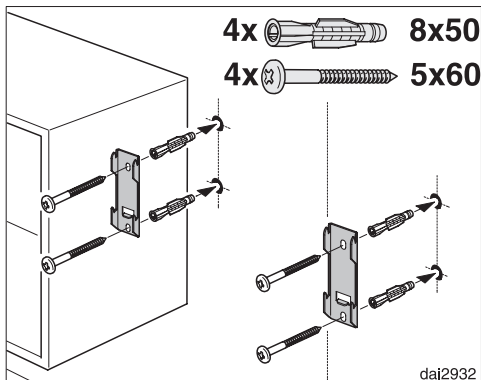
- Lift the rangehood up under the wall unit and feed the connection cable through the respective hole in the bottom of the wall unit.
- From the inside of the wall unit, fasten the rangehood to the wall unit using the screws provided.
- Refit the grease filters.

Fitting the rangehood to the wall

You also have the option of fitting the rangehood to the wall using two mounting plates



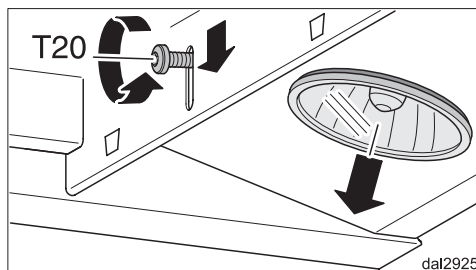
- Cut the drilling template to size and position against the wall. The top edge of the template indicates the top edge of the rangehood. Please refer to the safety distances (S) to the cooktop in "Appliance dimensions".
- Mark and drill the four holes for the mounting plates (Ø 8 mm).
- Remove the drilling template.NoSmell active



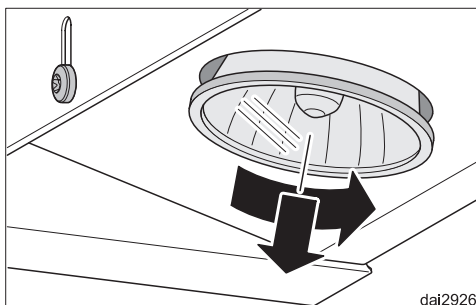
- Fix the mounting plates to the wall using the plugs and screws supplied.

⚠ The screws and plugs are designed for use in solid walls only. For other types of wall construction, alternative fixings will be required. Make sure that the wall is able to take the weight of the rangehood.

Remove the halogen lamps. To do this:

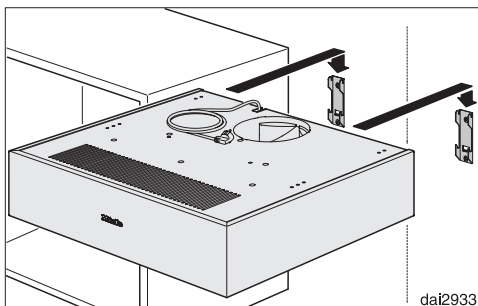


- Slightly loosen the lamp's fastening screw.
- Slide the screw and the lamp down.
- Tighten the screw again.

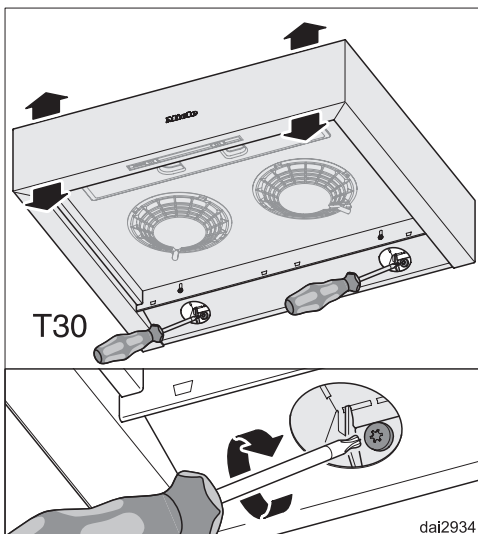


- Turn the lamp anti-clockwise and pull it out.

Installation



- Hang the rangehood on the mounting plates.



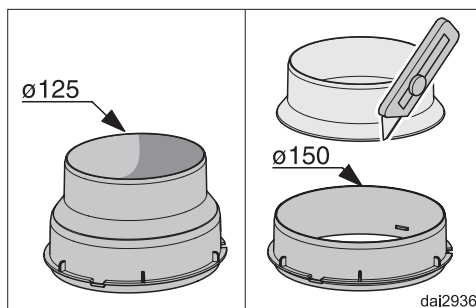
- Tighten the screws at the back of the rangehood on the left and right. This will adjust the pitch of the rangehood and secure it against being lifted off the mounting plates.

- Refit the halogen lamps.

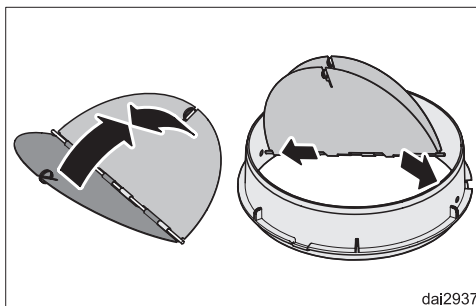
- Refit the grease filters.

- If using air extraction mode, install the exhaust ducting and connections.

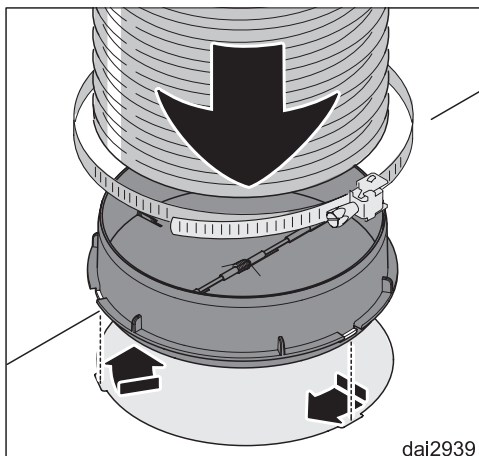
With air extraction mode:



- When using exhaust ducting Ø 150 mm, separate the exhaust socket at the tapered section with a sharp knife.
For exhaust ducting Ø 125 mm, install the exhaust socket without modifications. Please note, installation of 150 mm is recommended.



- If required, install the non-return flap. Check that the flap opens easily and closes by itself.



Before connecting the rangehood to the electricity supply, please read the "Electrical connection" and "Warning and Safety instructions" sections of this booklet.

- Attach the exhaust ducting to the exhaust socket, for example using a flexible exhaust hose and a hose clip (optional accessory).
- Insert the exhaust socket into the exhaust opening and secure it by turning clockwise.
- Fit the remainder of the exhaust ducting (see "Connection for air extraction").

- Plug the connection cable into an electrical socket.
- Carry out a functional test by turning on the fan.
 - In air extraction mode air should not come out of the air outlet at the front of the rangehood.
 - In recirculation mode the air should come out of the air outlet at the front of the rangehood.

If this does not happen, the deflector is not installed correctly (see "Deflector").

With recirculation mode:

- Fit the charcoal filter (see "Cleaning and care").

Electrical connection

All electrical work should be undertaken by a suitably qualified and competent person in strict accordance with current national and local safety regulations.

Installation, repairs and other work by unqualified persons could be dangerous, for which the manufacturer cannot be held liable.

Ensure power is not supplied to the appliance until after installation or repair work has been carried out.

Do not connect the appliance to the mains electricity supply by an extension lead. These do not guarantee the required safety of the appliance.

The connection data is given on the data plate. This is visible when the grease filters have been removed. Ensure that this data matches the household mains supply.

Connection of this appliance should be made via a suitable isolator or a double pole fused spur connection unit which complies with national and local safety regulations and the On-Off switch should be easily accessible after the appliance has been built in.

If the switch is not accessible after installation (depending on country), an additional means of disconnection must be provided for all poles.

For extra safety, it is advisable to install a residual current device (RCD). Contact a qualified electrician for advice.

Important

This appliance is supplied for connection to an AC 230 V single phase 50 Hz supply.

The wires in the mains lead are coloured in accordance with the following code:

Green/yellow = earth

Blue = neutral

Brown = live

WARNING:
THIS APPLIANCE MUST BE EARTHED

Connection for air extraction

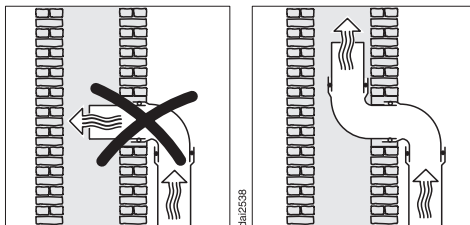
Important: To avoid the danger of toxic fumes, please observe the Warning and Safety instructions. This is especially crucial when using the rangehood at the same time as another heating appliance which relies on air from the same room. The rangehood should be installed according to local and national building regulations. Seek approval from the building inspector where necessary.

- Only use smooth pipes or flexible hoses made from non-flammable materials for extraction connection.

To achieve the most efficient air extraction with the lowest noise levels, please note the following:

- The diameter of the exhaust ducting should not be less than 150 mm.
- If flat ducting is being used, the cross section must not be smaller than the cross sectional area of the exhaust connection.
- The exhaust ducting should be as short and straight as possible.
- Only use wide radius bends.
- The exhaust duct must not be kinked or compressed.
- Ensure that all connections are strong and airtight.

- When ducting is horizontal, it must be laid to slope away at at least 1 cm per metre to ensure no condensate drains into the appliance.
- If the exhaust is ducted through an outside wall, a telescopic wall vent or a roof vent (available as an optional accessory) is recommended.



- If the exhaust air is to be ducted into a vent flue, the ducting must be directed in the flow direction of the flue.

Important!

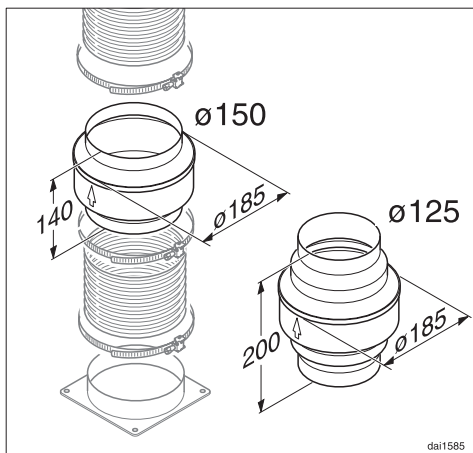
If the exhaust ducting is to run through rooms, ceiling space etc. where there may be great variations in temperature between the different areas, the problem of condensation will need to be addressed. The exhaust ducting will need to be suitably insulated.

Connection for air extraction

Condensate trap

(optional accessory)

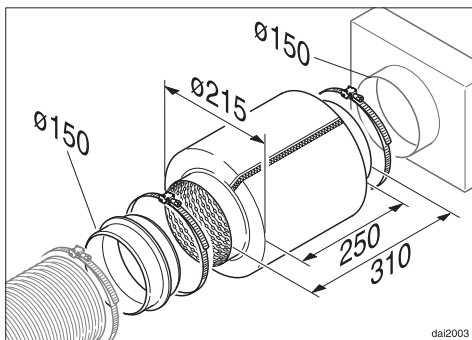
In addition to insulating the exhaust ducting, we recommend that a suitable condensate trap is installed to collect and evaporate any condensate which may occur. Condensate traps are available for \varnothing 125 mm or \varnothing 150 mm ducting.



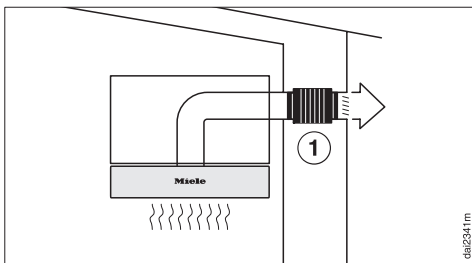
When installing a condensate trap, ensure that it is positioned vertically and, if possible, directly above the exhaust connection. The arrow on the housing indicates the direction of airflow.

Silencer

(optional accessory)



To achieve even further reductions in noise levels in air extraction mode, a special silencer can be fitted in the ducting system.



The silencer not only reduces noise from the motor outside the house, but also sounds from outside (e.g. traffic noise). For this reason, the silencer must be positioned as close as possible to where the ducting leaves the building ①.

The most effective noise reduction is achieved if two silencers are installed one behind the other.

DA 1050-55, DA 1060

Total rated load	300 W
Fan motor	2 x 100 W
Cooktop lighting	2 x 50 W
Voltage	AC 230 V
Frequency	~ 50 Hz
Fuse rating	10 A
Connection cable length	1.5 m
Weight	
DA 1060	11.2 kg
DA 1050-55	11 kg

Fan throughput

Extraction power according to EN 61591	
Extraction system Ø 150 mm:	
Setting I	140 m³/h
Setting II	200 m³/h
Setting III	310 m³/h
Recirculation with charcoal filter:	
Setting I	30 m³/h
Setting II	80 m³/h
Setting III	120 m³/h
Required for recirculation mode:	
1 ActiveCharcoal filter DKF 18-1	

DA 1160, DA 1100

Total rated load	340 W
Fan motor	2 x 120 W
Cooktop lighting	2 x 50 W
Voltage	AC 230 V
Frequency	~ 50 Hz
Fuse rating	10 A
Connection cable length	1.5 m
Weight	
DA 1160	11.2 kg
DA 1100	14.6 kg

Fan throughput

Extraction power according to EN 61591	
Extraction system Ø 150 mm:	
Setting I	160 m³/h
Setting II	270 m³/h
Setting III	350 m³/h
Intensive setting	500 m³/h
Recirculation with charcoal filter:	
Setting I	40 m³/h
Setting II	100 m³/h
Setting III	150 m³/h
Intensive setting	200 m³/h
Required for recirculation mode:	
1 ActiveCharcoal filter DKF 18-1	

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DA 1050-55
DA 1060
DA 1160
DA 1100